

GenCore version 5.1.4\_p5\_4578  
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OM protein - protein search, using sw model

Run on: April 11, 2003, 17:10:00 ; Search time 15 Seconds  
(without alignments:  
11.769 Million cell updates/sec

Title: US-09-502-664A-1  
Perfect score: 38  
Sequence: 1 CCXXCC 6

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Issued\_Patents\_AA:\*  
1: /cgn2\_6/ptodata/1/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/ptodata/1/1aa/5B\_COMB.pep:\*  
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6: /cgn2\_6/ptodata/1/1aa/backfiles1.pep:\*

Pred. NO. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	length	DB ID	Description
1	36	94.7	24	4 US-08-900-230-34	Sequence 34, Appl
2	36	94.7	36	5 PCT-US96-01720-2	Sequence 2, Appl
3	36	94.7	37	5 PCT-US96-01720-1	Sequence 1, Appl
4	36	94.7	50	4 US-08-900-230-8	Sequence 8, Appl
5	36	94.7	71	5 PCT-US96-01720-10	Sequence 10, Appl
6	36	94.7	71	5 PCT-US96-01720-11	Sequence 11, Appl
7	36	94.7	273	4 US-09-149-476-476	Sequence 476, App
8	36	94.7	801	1 US-07-906-349A-6	Sequence 6, Appl
9	36	94.7	1128	4 US-09-627-650B-11	Sequence 11, Appl
10	36	94.7	1128	4 US-09-436-063C-11	Sequence 11, Appl
11	36	94.7	1345	2 US-08-977-767-3	Sequence 3, Appl
12	36	94.7	1400	4 US-08-630-915A-37	Sequence 37, Appl
13	36	94.7	1417	4 US-08-900-230-3	Sequence 3, Appl
14	36	94.7	1652	4 US-09-627-650B-1	Sequence 1, Appl
15	36	94.7	1652	4 US-09-436-063C-1	Sequence 1, Appl
16	36	94.7	1917	4 US-09-627-650B-5	Sequence 5, Appl
17	36	94.7	1917	4 US-09-436-063C-5	Sequence 5, Appl
18	36	94.7	2088	4 US-09-548-372D-13	Sequence 13, Appl
19	36	94.7	2088	4 US-09-548-367D-13	Sequence 13, Appl
20	36	94.7	2211	4 US-09-738-884-1	Sequence 1, Appl
21	36	94.7	2508	4 US-09-627-650B-7	Sequence 7, Appl
22	36	94.7	2508	4 US-09-436-063C-7	Sequence 7, Appl
23	36	94.7	2544	4 US-09-627-650B-3	Sequence 3, Appl
24	36	94.7	2544	4 US-09-436-063C-3	Sequence 3, Appl
25	36	94.7	2601	4 US-09-627-650B-9	Sequence 9, Appl
26	36	94.7	2601	4 US-09-436-063C-9	Sequence 9, Appl
27	36	94.7	3788	4 US-09-336-447A-76	Sequence 76, Appl

28	35	92.1	23	2 US-08-505-486-52	Sequence 52, Appl
29	35	92.1	23	3 US-08-801-028-52	Sequence 52, Appl
30	35	92.1	23	3 US-09-340-154-52	Sequence 52, Appl
31	35	92.1	23	4 US-09-482-611B-52	Sequence 52, Appl
32	35	92.1	23	5 PCT-US95-09338-52	Sequence 52, Appl
33	35	92.1	23	5 PCT-US95-09339-52	Sequence 52, Appl
34	35	92.1	35	3 US-08-804-439A-79	Sequence 79, Appl
35	35	92.1	35	3 US-08-720-229-79	Sequence 79, Appl
36	35	92.1	109	2 US-08-527-044-2	Sequence 2, Appl
37	35	92.1	109	3 US-09-013-780-2	Sequence 2, Appl
38	35	92.1	689	4 US-09-499-964-1	Sequence 1, Appl
39	35	92.1	690	4 US-08-935-433-2	Sequence 2, Appl
40	35	92.1	690	4 US-09-553-132-2	Sequence 2, Appl
41	34	89.5	6	4 US-09-406-781-47	Sequence 47, Appl
42	34	89.5	6	4 US-09-372-338-5	Sequence 5, Appl
43	34	89.5	9	4 US-09-372-338-7	Sequence 7, Appl
44	34	89.5	13	1 US-08-141-892A-12	Sequence 12, Appl
45	34	89.5	13	1 US-08-141-892A-22	Sequence 22, Appl

ALIGNMENTS

RESULT 1  
US-08-900-230-34  
Sequence 34, Application US/08900230  
Patent No. 6329197  
GENERAL INFORMATION:  
APPLICANT: Bard, Jonathan A.  
TITLE OF INVENTION: DNA ENCODING GALANN GALR3 RECEPTORS AND  
TITLE OF INVENTION: USES THEREOF  
NUMBER OF SEQUENCES: 59  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooper & Dunham LLP  
STREET: 1185 Avenue of The Americas  
CITY: New York  
STATE: New York  
COUNTRY: U.S.A.  
ZIP: 11036  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/900,230  
FILING DATE: 23-JUL-1997  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: White, John P.  
REGISTRATION NUMBER: 28,678  
REFERENCE/DOCKET NUMBER: 52241-C/JPW/ADM  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-278-0400  
TELEFAX: 212-391-0525  
INFORMATION FOR SEQ ID NO: 34:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 24 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE:  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-900-230-34  
Query Match 94.7%; Score 36; DB 4; Length 24;  
Best Local Similarity 66.7%; Pred. No. 1.4e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;  
OY 1 CCXXCC 6  
DB 13 CCYTCC 18

RESULT 2  
PCT-US96-01720-2  
; Sequence 2, Application PC/TUS9601720  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN  
; NUMBER OF SEQUENCES: 11  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/01720  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/387,055  
; FILING DATE: 09-FEB-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Parmelee, Steven W.  
; REGISTRATION NUMBER: 31,990  
; REFERENCE/DOCKET NUMBER: 16336-5PC  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 36 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
PCT-US96-01720-2

Query Match 94.7%; Score 36; DB 5; Length 36;  
Best Local Similarity 66.7%; Pred. No. 1.5e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
Db 16 CCAACC 21

RESULT 3  
PCT-US96-01720-1  
; Sequence 1, Application PC/TUS9601720  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN  
; NUMBER OF SEQUENCES: 11  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: PCT/US96/01720  
; FILING DATE:  
; CLASSIFICATION:  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/387,055  
; FILING DATE: 09-FEB-1995  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Parmelee, Steven W.  
; REGISTRATION NUMBER: 31,990  
; REFERENCE/DOCKET NUMBER: 16336-5PC  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 37 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein

PCT-US96-01720-1

Query Match 94.7%; Score 36; DB 5; Length 37;  
Best Local Similarity 66.7%; Pred. No. 1.5e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
Db 16 CCAACC 21

RESULT 4  
US-08-900-230-8  
; Sequence 8, Application US/08900230  
; Patent No. 6329197  
; GENERAL INFORMATION:  
; APPLICANT: Bard, Jonathan A.  
; TITLE OF INVENTION: DNA ENCODING GALANN GALR3 RECEPTORS AND  
; TITLE OF INVENTION: USES THEREOF  
; NUMBER OF SEQUENCES: 59  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham LLP  
; STREET: 1185 Avenue of The Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 11036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/900,230  
; FILING DATE: 23-JUL-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 52241-C/JPW/ADM  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-278-0400  
; TELEFAX: 212-391-0525  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 50 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE:  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-900-230-8

Query Match 94.7%; Score 36; DB 4; Length 50;  
Best Local Similarity 66.7%; Pred. No. 1.6e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
Db 10 CCAACC 15

RESULT 5  
PCT-US96-01720-10  
; Sequence 10, Application PC/TUS9601720  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN  
; NUMBER OF SEQUENCES: 11  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: floppy disk  
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/01720  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/387,055  
FILING DATE: 09-FEB-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Parmelee, Steven W.  
REGISTRATION NUMBER: 31,990  
REFERENCE/DOCKET NUMBER: 16336-5PC  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 71 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US96-01720-10

Query Match 94.7%; Score 36; DB 5; Length 71;  
Best Local Similarity 66.7%; Pred. No. 1.7e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
Db 52 CCAACC 57

RESULT 6  
PCT-US96-01720-11  
Sequence 11, Application PC/TUS9601720  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: MODIFIED-AFFINITY STREPTAVIDIN  
NUMBER OF SEQUENCES: 11  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/01720  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/387,055  
FILING DATE: 09-FEB-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Parmelee, Steven W.  
REGISTRATION NUMBER: 31,990  
REFERENCE/DOCKET NUMBER: 16336-5PC  
INFORMATION FOR SEQ ID NO: 11:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 71 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
PCT-US96-01720-11

Query Match 94.7%; Score 36; DB 5; Length 71;  
Best Local Similarity 66.7%; Pred. No. 1.7e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
Db 52 CCAACC 57

RESULT 7

US-09-149-476-476  
Sequence 476, Application US/09149476  
Patent No. 6420526  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: 186 Human Secreted proteins  
FILE REFERENCE: P2002p1  
CURRENT APPLICATION NUMBER: US/09/149,476  
CURRENT FILING DATE: 1998-09-08  
EARLIER APPLICATION NUMBER: PCT/US98/04493  
EARLIER FILING DATE: 1998-03-06  
EARLIER APPLICATION NUMBER: 60/040,162  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,333  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/038,621  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,626  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,334  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,336  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,163  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/047,600  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,615  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,597  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,502  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,633  
EARLIER FILING DATE: 1997-05-23  
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EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,617  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,618  
EARLIER FILING DATE: 1997-05-23  
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EARLIER FILING DATE: 1997-05-23  
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EARLIER FILING DATE: 1997-05-23  
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EARLIER FILING DATE: 1997-05-23  
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EARLIER FILING DATE: 1997-05-23  
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EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,492  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,598  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,613  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,582  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,596  
EARLIER FILING DATE: 1997-05-23  
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EARLIER APPLICATION NUMBER: 60/047,632  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,601  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/043,580  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,568  
EARLIER FILING DATE: 1997-04-11

EARLIER APPLICATION NUMBER: 60/043,314  
EARLIER FILING DATE: 1997-04-11  
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EARLIER FILING DATE: 1997-04-11  
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EARLIER APPLICATION NUMBER: 60/043,671  
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EARLIER APPLICATION NUMBER: 60/043,674  
EARLIER FILING DATE: 1997-04-11  
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EARLIER APPLICATION NUMBER: 60/043,672  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,315  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/048,974  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/056,886  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,877  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,889  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,893  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,630  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,878  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,662  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,872  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,882  
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EARLIER APPLICATION NUMBER: 60/056,637  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,903  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,888  
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EARLIER APPLICATION NUMBER: 60/056,910  
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EARLIER APPLICATION NUMBER: 60/056,864  
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EARLIER APPLICATION NUMBER: 60/056,631  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,845  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,892  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/057,761  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/047,595  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,599

EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,588  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,585  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,586  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,590  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,594  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,589  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,593  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,614  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/043,578  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/043,576  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/047,501  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/043,670  
EARLIER FILING DATE: 1997-04-11  
EARLIER APPLICATION NUMBER: 60/056,632  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,664  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,876  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,881  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,909  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,875  
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EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/056,908  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/048,964  
EARLIER FILING DATE: 1997-06-06  
EARLIER APPLICATION NUMBER: 60/057,650  
EARLIER FILING DATE: 1997-09-05  
EARLIER APPLICATION NUMBER: 60/056,884  
EARLIER FILING DATE: 1997-08-22  
EARLIER APPLICATION NUMBER: 60/057,669  
EARLIER FILING DATE: 1997-09-05  
EARLIER APPLICATION NUMBER: 60/049,610  
EARLIER FILING DATE: 1997-06-13  
EARLIER APPLICATION NUMBER: 60/061,060  
EARLIER FILING DATE: 1997-10-02

Query Match 94.7%; Score 36; DB 4; Length 273;  
Best Local Similarity 66.7%; Pred. No. 2e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6  
DB 260 CCATCC 265

RESULT 8  
US-07-906-349A-6  
Sequence 6, Application US/07906349A  
Patent No. 5434064  
GENERAL INFORMATION:  
APPLICANT: Schlessinger, Joseph  
APPLICANT: Skolnik, Edward Y.  
APPLICANT: Margolis, Benjamin L.

;; TITLE OF INVENTION: A NOVEL EXPRESSION-CLONING METHOD FOR  
;; TITLE OF INVENTION: IDENTIFYING TARGET PROTEINS FOR EUKARYOTIC TYROSINE KINASES AN  
;; TITLE OF INVENTION: TARGET PROTEINS  
;; NUMBER OF SEQUENCES: 16  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Browdy and Neimark  
;; STREET: 419 Seventh Street, N.W.  
;; CITY: Washington  
;; STATE: D.C.  
;; COUNTRY: USA  
;; ZIP: 20004  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: Patentln Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/07/906,349A  
;; FILING DATE: 30-JUN-1992  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 07/643,237  
;; FILING DATE: 18-JAN-1991  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 202-628-5197  
;; TELEFAX: 202-737-3528  
;; INFORMATION FOR SEQ ID NO: 6:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 801 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
US-07-906-349A-6

Query Match 94.7%; Score 36; DB 1; Length 801;  
Best Local Similarity 66.7%; Pred. No. 2.2e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
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Db 429 CCAACC 434

RESULT 9  
US-09-627-650B-11  
; Sequence 11, Application US/09627650B  
; Patent No. 6406872  
; GENERAL INFORMATION:  
; APPLICANT: Bamber, Bruce  
; APPLICANT: Jorgensen, Erik  
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and  
; TITLE OF INVENTION: Methods Related Thereto  
; FILE REFERENCE: 21101.0009U3  
; CURRENT APPLICATION NUMBER: US/09/627,650B  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: 09/436,063  
; PRIOR FILING DATE: 1999-11-08  
; PRIOR APPLICATION NUMBER: 60/107,727  
; PRIOR FILING DATE: 1998-11-09  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: Patentln Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 1128  
; TYPE: PRT  
; ORGANISM: Caenorhabditis elegans  
US-09-627-650B-11

Query Match 94.7%; Score 36; DB 4; Length 1128;  
Best Local Similarity 66.7%; Pred. No. 2.3e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6

Db 753 CCAACC 758  
|| ||

RESULT 10  
US-09-436-063C-11  
; Sequence 11, Application US/09436063C  
; Patent No. 6407210  
; GENERAL INFORMATION:  
; APPLICANT: Bamber, Bruce  
; APPLICANT: Jorgensen, Erik  
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and  
; TITLE OF INVENTION: Methods Related Thereto  
; FILE REFERENCE: P-1095corrected  
; CURRENT APPLICATION NUMBER: US/09/436,063C  
; PRIOR FILING DATE: 1999-11-08  
; PRIOR APPLICATION NUMBER: 60/107727  
; PRIOR FILING DATE: 1998-11-09  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: Patentln Ver. 2.1  
; SEQ ID NO 11  
; LENGTH: 1128  
; TYPE: PRT  
; ORGANISM: Caenorhabditis elegans  
US-09-436-063C-11

Query Match 94.7%; Score 36; DB 4; Length 1128;  
Best Local Similarity 66.7%; Pred. No. 2.3e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
|| ||  
Db 753 CCAACC 758

RESULT 11  
US-08-977-767-3  
; Sequence 3, Application US/08977767  
; Patent No. 5972684  
; GENERAL INFORMATION:  
; APPLICANT: Bandman, Olga  
; APPLICANT: Yue, Henry  
; APPLICANT: Greenwald, Sara  
; APPLICANT: Corley, Neil C.  
; TITLE OF INVENTION: CARBONIC ANHYDRASE VIII  
; NUMBER OF SEQUENCES: 3  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Incyte Pharmaceuticals, Inc.  
; STREET: 3174 Porter Drive  
; CITY: Palo Alto  
; STATE: CA  
; COUNTRY: USA  
; ZIP: 94304  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Diskette  
; COMPUTER: IBM Compatible  
; OPERATING SYSTEM: DOS  
; SOFTWARE: FastSeq for Windows Version 2.0  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/977,767  
; FILING DATE: Herewith  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER:  
; FILING DATE:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Billings, Lucy J.  
; REGISTRATION NUMBER: 36,749  
; REFERENCE/DOCKET NUMBER: PF-0423 US  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 650-855-0555  
; TELEFAX: 650-845-4166  
; TELEX:

; INFORMATION FOR SEQ ID NO: 3;  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1345 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; IMMEDIATE SOURCE:  
; LIBRARY: GenBank  
; CLONE: 1532042  
; US-08-977-767-3

Query Match 94.7%; Score 36; DB 2; Length 1345;  
Best Local Similarity 66.7%; Pred. No. 2.4e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
|| ||  
DB 1112 CCTTCC 1117

## RESULT 12

US-08-630-915A-37  
; Sequence 37, Application US/08630915A  
; Patent No. 6309820  
; GENERAL INFORMATION:  
; APPLICANT: SPARKS, Andrew B.  
; APPLICANT: HOFFMAN, No. 6309820h  
; APPLICANT: KAY, Brian K.  
; APPLICANT: FOWLKES, Dana M.  
; APPLICANT: MCCONNELL, Stephen J.  
; TITLE OF INVENTION: POLYPEPTIDES HAVING A FUNCTIONAL  
; TITLE OF INVENTION: DOMAIN OF INTEREST AND METHODS OF IDENTIFYING AND  
; TITLE OF INVENTION: USING SAME  
; NUMBER OF SEQUENCES: 227  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Pennie & Edmonds LLP  
; STREET: 1155 Avenue of the Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: USA  
; ZIP: 10036-2711  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/630,915A  
; FILING DATE: 03-APR-1996  
; CLASSIFICATION: 536  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mistrock, S. Leslie  
; REGISTRATION NUMBER: 18,872  
; REFERENCE/DOCKET NUMBER: 1101-174  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (212) 790-9090  
; TELEFAX: (212) 869-8864/9741  
; TELEX: 66141 PENNIE  
; INFORMATION FOR SEQ ID NO: 37:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1400 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: DNA  
; US-08-630-915A-37

Query Match 94.7%; Score 36; DB 4; Length 1400;  
Best Local Similarity 66.7%; Pred. No. 2.4e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
|| ||

DB 1350 CCATCC 1355

## RESULT 13

US-08-900-230-3  
; Sequence 3, Application US/08900230  
; Patent No. 6329197  
; GENERAL INFORMATION:  
; APPLICANT: Baird, Jonathan A.  
; TITLE OF INVENTION: DNA ENCODING GALANN GALR3 RECEPTORS AND  
; TITLE OF INVENTION: USES THEREOF  
; NUMBER OF SEQUENCES: 59  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Cooper & Dunham LLP  
; STREET: 1185 Avenue of The Americas  
; CITY: New York  
; STATE: New York  
; COUNTRY: U.S.A.  
; ZIP: 11036  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/900,230  
; FILING DATE: 23-JUL-1997  
; CLASSIFICATION: 435  
; ATTORNEY/AGENT INFORMATION:  
; NAME: White, John P.  
; REGISTRATION NUMBER: 28,678  
; REFERENCE/DOCKET NUMBER: 52241-C/JPW/ADM  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 212-278-0400  
; TELEFAX: 212-391-0525  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1417 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE:  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; US-08-900-230-3

Query Match 94.7%; Score 36; DB 4; Length 1417;  
Best Local Similarity 66.7%; Pred. No. 2.4e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
|| ||  
DB 644 CCTACC 649

## RESULT 14

US-09-627-650B-1  
; Sequence 1, Application US/09627650B  
; Patent No. 6406872  
; GENERAL INFORMATION:  
; APPLICANT: Bamber, Bruce  
; APPLICANT: Jorgensen, Erik  
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and  
; TITLE OF INVENTION: Methods Related Thereto  
; FILE REFERENCE: 21101.0009U3  
; CURRENT APPLICATION NUMBER: US/09/627,650B  
; CURRENT FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: 09/436,063  
; PRIOR FILING DATE: 1999-11-08  
; PRIOR APPLICATION NUMBER: 60/107,727  
; PRIOR FILING DATE: 1998-11-09  
; NUMBER OF SEQ ID NOS: 50  
; SOFTWARE: PatentIn Ver. 2.1



; SEQ ID NO 1  
; LENGTH: 1652  
; TYPE: PRT  
; ORGANISM: Caenorhabditis elegans  
US-09-627-650B-1

Query Match 94.7%; Score 36; DB 4; Length 1652;  
Best Local Similarity 66.7%; Pred. No. 2.4e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
|| ||  
Db 1254 CCAACC 1259

RESULT 15  
US-09-436-063C-1  
; Sequence 1, Application US/09436063C  
; Patent No. 6407210  
; GENERAL INFORMATION:  
; APPLICANT: Bamber, Bruce  
; APPLICANT: Jorgensen, Erik  
; TITLE OF INVENTION: Nematode Neuromuscular Junction GABA Receptors and  
; TITLE OF INVENTION: Methods Related Thereto  
; FILE REFERENCE: P-1095corrected  
; CURRENT APPLICATION NUMBER: US/09/436,063C  
; PRIOR APPLICATION NUMBER: 1999-11-08  
; PRIOR FILING DATE: 1998-11-09  
; NUMBER OF SEQ ID NOS: 18  
; SOFTWARE: Patentln Ver. 2.1  
; SEQ ID NO 1  
; LENGTH: 1652  
; TYPE: PRT  
; ORGANISM: Caenorhabditis elegans  
US-09-436-063C-1

Query Match 94.7%; Score 36; DB 4; Length 1652;  
Best Local Similarity 66.7%; Pred. No. 2.4e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
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Db 1254 CCAACC 1259

Search completed: April 11, 2003, 17:14:18  
Job time : 16 secs





GenCore version 5.1.4\_P5\_4578  
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OM protein - protein search, using sw model

Run on: April 11, 2003, 17:13:50 ; Search time 15 Seconds  
(Without alignments)  
24.454 Million cell updates/sec

Title: US-09-502-664A-1  
Perfect score: 38  
Sequence: 1 CCXXCC 6

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 248812 seqs, 61136040 residues

Total number of hits satisfying chosen parameters: 248812

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database : Published\_Applications\_AA:\*  
1: /cgn2\_6/ptodata/2/pubpaa/US08\_NEW\_PUB.pep:\*  
2: /cgn2\_6/ptodata/2/pubpaa/PCT\_NEW\_PUB.pep:\*  
3: /cgn2\_6/ptodata/2/pubpaa/US06\_NEW\_PUB.pep:\*  
4: /cgn2\_6/ptodata/2/pubpaa/US06\_PUBCOMB.pep:\*  
5: /cgn2\_6/ptodata/2/pubpaa/US07\_NEW\_PUB.pep:\*  
6: /cgn2\_6/ptodata/2/pubpaa/US07\_PUBCOMB.pep:\*  
7: /cgn2\_6/ptodata/2/pubpaa/PCTUS\_PUBCOMB.pep:\*  
8: /cgn2\_6/ptodata/2/pubpaa/US08\_PUBCOMB.pep:\*  
9: /cgn2\_6/ptodata/2/pubpaa/US09\_NEW\_PUB.pep:\*  
10: /cgn2\_6/ptodata/2/pubpaa/US09\_PUBCOMB.pep:\*  
11: /cgn2\_6/ptodata/2/pubpaa/US10\_NEW\_PUB.pep:\*  
12: /cgn2\_6/ptodata/2/pubpaa/US10\_PUBCOMB.pep:\*  
13: /cgn2\_6/ptodata/2/pubpaa/US60\_NEW\_PUB.pep:\*  
14: /cgn2\_6/ptodata/2/pubpaa/US60\_PUBCOMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	36	94.7	71	9	US-10-011-931-15	Sequence 15, Appl
2	36	94.7	71	9	US-10-011-931-16	Sequence 16, Appl
3	36	94.7	273	9	US-09-809-391-476	Sequence 476, App
4	36	94.7	320	9	US-10-184-644-565	Sequence 565, App
5	36	94.7	407	10	US-09-925-301-1165	Sequence 1165, App
6	36	94.7	422	9	US-10-184-644-241	Sequence 241, App
7	36	94.7	485	9	US-10-184-644-185	Sequence 185, App
8	36	94.7	508	9	US-10-184-644-243	Sequence 243, App
9	36	94.7	537	9	US-10-184-644-459	Sequence 459, App
10	36	94.7	544	9	US-09-791-932-40	Sequence 40, Appl
11	36	94.7	575	9	US-09-791-932-46	Sequence 46, Appl
12	36	94.7	636	9	US-10-184-644-199	Sequence 199, App
13	36	94.7	678	9	US-09-759-130B-133	Sequence 133, App
14	36	94.7	678	9	US-10-184-644-427	Sequence 427, App
15	36	94.7	681	9	US-10-184-644-317	Sequence 317, App
16	36	94.7	695	9	US-10-184-644-567	Sequence 567, App
17	36	94.7	708	9	US-10-184-644-211	Sequence 211, App
18	36	94.7	720	10	US-09-756-071B-20	Sequence 20, Appl
19	36	94.7	735	9	US-10-184-644-167	Sequence 167, App

20	36	94.7	744	9	US-10-184-644-255	Sequence 255, App
21	36	94.7	756	9	US-10-184-644-125	Sequence 125, App
22	36	94.7	759	9	US-10-184-644-299	Sequence 299, App
23	36	94.7	764	9	US-10-184-644-463	Sequence 463, App
24	36	94.7	766	9	US-10-184-644-197	Sequence 197, App
25	36	94.7	773	9	US-10-184-644-429	Sequence 429, App
26	36	94.7	783	9	US-10-184-644-341	Sequence 341, App
27	36	94.7	824	9	US-10-184-644-563	Sequence 563, App
28	36	94.7	843	9	US-10-184-644-487	Sequence 487, App
29	36	94.7	845	9	US-10-184-644-501	Sequence 501, App
30	36	94.7	849	9	US-10-184-644-361	Sequence 361, App
31	36	94.7	859	9	US-10-184-644-423	Sequence 423, App
32	36	94.7	860	9	US-10-184-644-195	Sequence 195, App
33	36	94.7	870	9	US-10-184-644-139	Sequence 139, App
34	36	94.7	899	9	US-10-184-644-499	Sequence 499, App
35	36	94.7	906	9	US-10-184-644-541	Sequence 541, App
36	36	94.7	914	9	US-09-975-143-47	Sequence 47, Appl
37	36	94.7	918	9	US-10-184-644-475	Sequence 475, App
38	36	94.7	925	9	US-10-184-644-579	Sequence 579, App
39	36	94.7	957	9	US-10-184-644-603	Sequence 603, App
40	36	94.7	971	9	US-10-184-644-85	Sequence 85, Appl
41	36	94.7	972	9	US-10-184-644-443	Sequence 443, App
42	36	94.7	975	10	US-09-886-055-431	Sequence 431, App
43	36	94.7	997	9	US-10-184-644-23	Sequence 23, Appl
44	36	94.7	1016	9	US-10-184-644-99	Sequence 99, Appl
45	36	94.7	1021	9	US-10-184-644-373	Sequence 373, App

## ALIGNMENTS

RESULT 1  
US-10-011-931-15  
; Sequence 15, Application US/10011931  
; Publication No. US20030026806A1  
; GENERAL INFORMATION:  
; APPLICANT: WITTE, ALISON  
; APPLICANT: VARNUM, BRIAN C.  
; APPLICANT: OLAN, ZUEMING  
; APPLICANT: VEZINA, CHRIS  
; TITLE OF INVENTION: ANTIBODIES AND OTHER SELECTIVE IL-1 BINDING AGENTS THAT ALLOW  
; FILE REFERENCE: IL-1 RECEPTOR BUT NOT ACTIVATION THEREOF  
; CURRENT APPLICATION NUMBER: US/10/011, 931  
; CURRENT FILING DATE: 2002-04-01  
; PRIOR APPLICATION NUMBER: US 60/244, 118  
; PRIOR FILING DATE: 2000-10-27  
; NUMBER OF SEQ ID NOS: 78  
; SOFTWARE: PatentIn version 3.1  
; SEQ ID NO 15  
; LENGTH: 71  
; TYPE: PRT  
; ORGANISM: Artificial Sequence  
; FEATURE:  
; OTHER INFORMATION: KAPPA CHAIN CHIMERA  
; NAME/KEY: misc\_feature  
; LOCATION: (1)..(1)  
; OTHER INFORMATION: At position 1, P = 5' phosphorylated  
US-10-011-931-15

Query Match 94.7%; Score 36; DB 9; Length 71;  
Best Local Similarity 66.7%; Pred. No. 2e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
Db 15 CCATCC 20

RESULT 2  
US-10-011-931-16  
; Sequence 16, Application US/10011931

Publication No. US20030026806A1  
GENERAL INFORMATION:  
APPLICANT: WITTE, ALISON  
APPLICANT: VANDUM, BRIAN C.  
APPLICANT: QIAN, ZUEMING  
APPLICANT: VEZINA, CHRIS  
TITLE OF INVENTION: ANTIBODIES AND OTHER SELECTIVE IL-1 BINDING AGENTS THAT ALLOW BIN  
TITLE OF INVENTION: IL-1 RECEPTOR BUT NOT ACTIVATION THEREOF  
FILE REFERENCE: A-731  
CURRENT APPLICATION NUMBER: US/10/011,931  
CURRENT FILING DATE: 2002-04-01  
PRIOR APPLICATION NUMBER: US 60/244,118  
PRIOR FILING DATE: 2000-10-27  
NUMBER OF SEQ ID NOS: 78  
SOFTWARE: PatentIn version 3.1  
SEQ ID NO 16  
LENGTH: 71  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: KAPPA CHAIN CHIMERA  
FEATURE:  
NAME/KEY: misc-feature  
LOCATION: (1)..(1)  
OTHER INFORMATION: At position 1, P = 5' phosphorylated  
US-10-011-931-16

Query Match 94.7%; Score 36; DB 9; Length 71;  
Best Local Similarity 66.7%; Pred. No. 2e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6  
11 11  
Db 22 CCATCC 27

RESULT 3  
US-09-809-391-476  
Sequence 476, Application US/09809391  
Publication No. US20030049618A1  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
TITLE OF INVENTION: 186 Human Secreted proteins  
FILE REFERENCE: P2002P2  
CURRENT APPLICATION NUMBER: US/09/809,391  
CURRENT FILING DATE: 2001-03-16  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 761  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 476  
LENGTH: 273  
TYPE: PRT  
ORGANISM: Homo sapiens  
FEATURE:  
NAME/KEY: SITE  
LOCATION: (181)  
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (202)  
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (203)  
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (204)  
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (211)  
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (212)  
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE

LOCATION: (214)  
OTHER INFORMATION: xaa equals any of the naturally occurring L-amino acids  
NAME/KEY: SITE  
LOCATION: (273)  
OTHER INFORMATION: xaa equals stop translation  
US-09-809-391-476

Query Match 94.7%; Score 36; DB 9; Length 273;  
Best Local Similarity 66.7%; Pred. No. 2.7e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6  
11 11  
Db 260 CCATCC 265

RESULT 4  
US-10-184-644-565  
Sequence 565, Application US/10184644  
Publication No. US20030044930A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Chen, Jian  
APPLICANT: Desnoyers, Luc  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Pan, James  
APPLICANT: Smith, Victoria  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3430R1C227  
CURRENT APPLICATION NUMBER: US/10/184,644  
CURRENT FILING DATE: 2002-06-28  
Prior Application removed - See file wrapper or Palm  
NUMBER OF SEQ ID NOS: 612  
SEQ ID NO 565  
LENGTH: 320  
TYPE: DNA  
ORGANISM: Homo Sapien  
US-10-184-644-565

Query Match 94.7%; Score 36; DB 9; Length 320;  
Best Local Similarity 66.7%; Pred. No. 2.8e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6  
11 11  
Db 217 CCTTCC 222

RESULT 5  
US-09-925-301-1165  
Sequence 1165, Application US/09925301  
Patent No. US20020052308A1  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: Nucleic Acids, Proteins and Antibodies  
FILE REFERENCE: PA106  
CURRENT APPLICATION NUMBER: US/09/925,301  
CURRENT FILING DATE: 2001-08-10  
PRIOR APPLICATION NUMBER: PCT/US00/05882  
PRIOR FILING DATE: 2000-03-08  
PRIOR APPLICATION NUMBER: 60/124,270  
PRIOR FILING DATE: 1999-03-12  
NUMBER OF SEQ ID NOS: 1694  
SOFTWARE: PatentIn Ver. 2.0  
SEQ ID NO 1165  
LENGTH: 407  
TYPE: PRT

; ORGANISM: Homo sapiens  
US-09-925-301-1165

Query Match 94.7%; Score 36; DB 10; Length 407;  
Best Local Similarity 66.7%; Pred. No. 2.9e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
DB 8 CCSSCC 13

## RESULT 6

US-10-184-644-241  
; Sequence 241, Application US/10184644  
; Publication No. US20030044930A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3430R1C227  
; CURRENT APPLICATION NUMBER: US/10/184,644  
; CURRENT FILING DATE: 2002-06-28  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 241  
; LENGTH: 422  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-184-644-241

Query Match 94.7%; Score 36; DB 9; Length 422;  
Best Local Similarity 66.7%; Pred. No. 2.9e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
DB 33 CCATCC 38

## RESULT 7

US-10-184-644-185  
; Sequence 185, Application US/10184644  
; Publication No. US20030044930A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3430R1C227  
; CURRENT APPLICATION NUMBER: US/10/184,644  
; CURRENT FILING DATE: 2002-06-28  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612

; SEQ ID NO 185  
; LENGTH: 485  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-184-644-185

Query Match 94.7%; Score 36; DB 9; Length 485;  
Best Local Similarity 66.7%; Pred. No. 3.1e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
DB 298 CCTACC 303

## RESULT 8

US-10-184-644-243  
; Sequence 243, Application US/10184644  
; Publication No. US20030044930A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3430R1C227  
; CURRENT APPLICATION NUMBER: US/10/184,644  
; CURRENT FILING DATE: 2002-06-28  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 612  
; SEQ ID NO 243  
; LENGTH: 508  
; TYPE: DNA  
; ORGANISM: Homo Sapien  
US-10-184-644-243

Query Match 94.7%; Score 36; DB 9; Length 508;  
Best Local Similarity 66.7%; Pred. No. 3.1e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6  
11 11  
DB 144 CCTTCC 149

## RESULT 9

US-10-184-644-459  
; Sequence 459, Application US/10184644  
; Publication No. US20030044930A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Chen, Jian  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Pan, James  
; APPLICANT: Smith, Victoria  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3430R1C227  
; CURRENT APPLICATION NUMBER: US/10/184,644

;; CURRENT FILING DATE: 2002-06-28  
;; Prior Application removed - See file wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 612  
;; SEQ ID NO 459  
;; LENGTH: 537  
;; TYPE: DNA  
;; ORGANISM: Homo Sapien  
US-10-184-644-459

Query Match 94.7%; Score 36; DB 9; Length 537;  
Best Local Similarity 66.7%; Pred. No. 3.1e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6  
|| ||  
Db 325 CCTTCC 330

## RESULT 10

US-09-791-932-40  
; Sequence 40, Application US/09791932  
; Publication No. US20030003451A1  
; GENERAL INFORMATION:

;; APPLICANT: Vogeli, Gabriel  
;; APPLICANT: Parodi, Luis A.  
;; APPLICANT: Hiebsch, Ronald R.  
;; APPLICANT: Lind, Peter  
;; APPLICANT: Kaytes, Paul S.  
;; APPLICANT: Ruff, Valerie  
;; APPLICANT: Huff, Rita M.  
;; APPLICANT: Wood, Linda S.  
; TITLE OF INVENTION: No. US20030003451A1e1 G Protein-Coupled Receptors Cross-Referen

;; FILE REFERENCE: 00325.US1  
; CURRENT APPLICATION NUMBER: US/09/791,932

;; PRIOR FILING DATE: 2001-02-23  
; PRIOR APPLICATION NUMBER: 60/184,305  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,304  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,303  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,397  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,247  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/188,880  
;; PRIOR FILING DATE: 2000-03-13  
; PRIOR APPLICATION NUMBER: 60/188,880  
;; PRIOR FILING DATE: 2000-03-13  
; PRIOR APPLICATION NUMBER: 60/217,369  
;; PRIOR FILING DATE: 2000-07-11  
; PRIOR APPLICATION NUMBER: 60/217,370  
;; PRIOR FILING DATE: 2000-07-11  
; PRIOR APPLICATION NUMBER: 60/218,492  
;; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: 60/186,810  
;; PRIOR FILING DATE: 2000-03-03  
; PRIOR APPLICATION NUMBER: 60/188,064  
;; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: 60/186,457  
;; PRIOR FILING DATE: 2000-03-02  
; PRIOR APPLICATION NUMBER: 60/213,861  
;; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: 60/194,344  
;; PRIOR FILING DATE: 2000-04-03  
; PRIOR APPLICATION NUMBER: 60/218,337  
;; PRIOR FILING DATE: 2000-07-14  
; NUMBER OF SEQ ID NOS: 184  
; SOFTWARE: PatentIn version 3.0

;; SEQ ID NO 40  
; LENGTH: 544

;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-09-791-932-40

Query Match 94.7%; Score 36; DB 9; Length 544;  
Best Local Similarity 66.7%; Pred. No. 3.1e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6  
|| ||  
Db 424 CCTACC 429

## RESULT 11

US-09-791-932-46  
; Sequence 46, Application US/09791932  
; Publication No. US20030003451A1  
; GENERAL INFORMATION:

;; APPLICANT: Vogeli, Gabriel  
;; APPLICANT: Parodi, Luis A.  
;; APPLICANT: Hiebsch, Ronald R.  
;; APPLICANT: Lind, Peter  
;; APPLICANT: Kaytes, Paul S.  
;; APPLICANT: Ruff, Valerie  
;; APPLICANT: Huff, Rita M.  
;; APPLICANT: Wood, Linda S.  
; TITLE OF INVENTION: No. US20030003451A1e1 G Protein-Coupled Receptors Cross-Refe

;; FILE REFERENCE: 00325.US1  
; CURRENT APPLICATION NUMBER: US/09/791,932

;; PRIOR FILING DATE: 2001-02-23  
; PRIOR APPLICATION NUMBER: 60/184,305  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,304  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,397  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/184,247  
;; PRIOR FILING DATE: 2000-02-23  
; PRIOR APPLICATION NUMBER: 60/188,880  
;; PRIOR FILING DATE: 2000-03-13  
; PRIOR APPLICATION NUMBER: 60/217,369  
;; PRIOR FILING DATE: 2000-07-11  
; PRIOR APPLICATION NUMBER: 60/217,370  
;; PRIOR FILING DATE: 2000-07-11  
; PRIOR APPLICATION NUMBER: 60/218,492  
;; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: 60/186,810  
;; PRIOR FILING DATE: 2000-03-03  
; PRIOR APPLICATION NUMBER: 60/188,064  
;; PRIOR FILING DATE: 2000-03-09  
; PRIOR APPLICATION NUMBER: 60/186,457  
;; PRIOR FILING DATE: 2000-03-02  
; PRIOR APPLICATION NUMBER: 60/213,861  
;; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: 60/194,344  
;; PRIOR FILING DATE: 2000-04-03  
; PRIOR APPLICATION NUMBER: 60/218,337  
;; PRIOR FILING DATE: 2000-07-14  
; NUMBER OF SEQ ID NOS: 184  
; SOFTWARE: PatentIn version 3.0

;; SEQ ID NO 46

;; LENGTH: 575  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-09-791-932-46

Query Match 94.7%; Score 36; DB 9; Length 575;  
Best Local Similarity 66.7%; Pred. No. 3.2e+02;  
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 CCXXCC 6  
|| ||  
Db 15 CCTTCC 20

US-09-791-932-40

```
RESULT 12
US-10-184-644-199
; Sequence 199, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 199
; LENGTH: 636
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-199

Query Match      94.7%; Score 36; DB 9; Length 636;
Best Local Similarity 66.7%; Pred. No. 3.2e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
   11 11
Db 426 CCATCC 431

RESULT 13
US-09-759-130B-133
; Sequence 133, Application US/09759130B
; Publication No. US20030022279A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: McCarthy, Sean A
; APPLICANT: Fraser, Christopher C
; APPLICANT: Sharp, John D
; APPLICANT: Barnes, Thomas S
; APPLICANT: Kirst, Susan J
; APPLICANT: Mackay, Charles R
; APPLICANT: Myers, Paul S
; APPLICANT: Leiby, Kevin R
; APPLICANT: Wrighton, Nicolas
; APPLICANT: Goodearl, Andrew
; TITLE OF INVENTION: NOVEL GENES ENCODING PROTEINS HAVING
; TITLE OF INVENTION: PROGNOSTIC, DIAGNOSTIC, PREVENTIVE, THERAPEUTIC, AND OTHER
; TITLE OF INVENTION: USES.
; FILE REFERENCE: MP100-5350NM1
; CURRENT APPLICATION NUMBER: US/09/759,130B
; CURRENT FILING DATE: 2002-09-16
; PRIOR APPLICATION NUMBER: US 09/479,249
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: US 09/559,497
; PRIOR FILING DATE: 2000-04-27
; PRIOR APPLICATION NUMBER: US 09/578,063
; PRIOR FILING DATE: 2000-05-24
; PRIOR APPLICATION NUMBER: US 09/333,159
; PRIOR FILING DATE: 1999-06-14
; PRIOR APPLICATION NUMBER: US 09/596,194
; PRIOR FILING DATE: 2000-07-14
; PRIOR APPLICATION NUMBER: US 09/342,364
; PRIOR FILING DATE: 1999-06-29
```

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; PRIOR APPLICATION NUMBER: US 09/608,452
; PRIOR FILING DATE: 2000-06-30
; PRIOR APPLICATION NUMBER: US 09/393,996
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 09/602,871
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 09/420,707
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 678
; TYPE: PRT
; ORGANISM: Mus sp.
US-09-759-130B-133

Query Match      94.7%; Score 36; DB 9; Length 678;
Best Local Similarity 66.7%; Pred. No. 3.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
   11 11
Db 598 CCATCC 603

RESULT 14
US-10-184-644-427
; Sequence 427, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 427
; LENGTH: 678
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-427

Query Match      94.7%; Score 36; DB 9; Length 678;
Best Local Similarity 66.7%; Pred. No. 3.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1 CCXXCC 6
   11 11
Db 263 CCATCC 268

RESULT 15
US-10-184-644-317
; Sequence 317, Application US/10184644
; Publication No. US20030044930A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```

```

; APPLICANT: Gurney,Austin L.
; APPLICANT: Pan,James
; APPLICANT: Smith,Victoria
; APPLICANT: Watanabe,Colin K.
; APPLICANT: Wood,William I.
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3430R1C227
; CURRENT APPLICATION NUMBER: US/10/184,644
; CURRENT FILING DATE: 2002-06-28
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 317
; LENGTH: 681
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-184-644-317

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Query Match          94.7%; Score 36; DB 9; Length 681;
Best Local Similarity 66.7%; Pred. No. 3.3e+02;
Matches 4; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

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```

QY      1 CCXXCC 6
      11 11
Db      102 CCCTCC 107

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Search completed: April 11, 2003, 17:17:52  
Job time : 16 secs